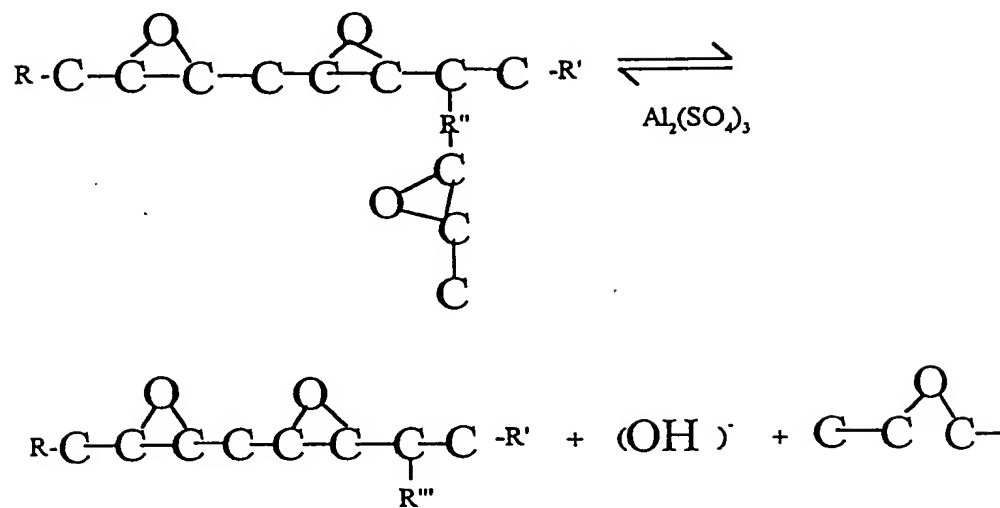
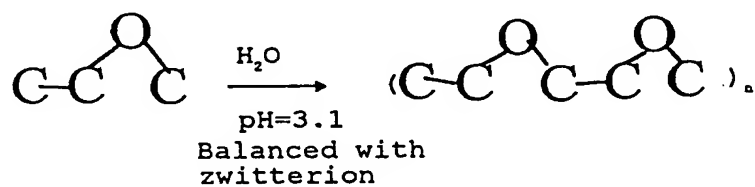


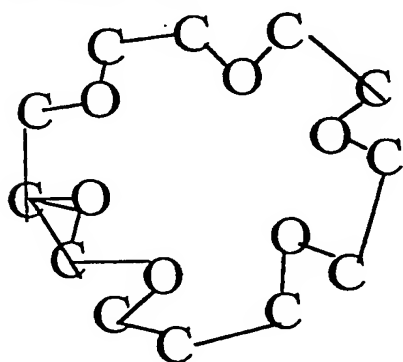
EO-3 nonionic branched chain surfactant



NOTE: $\text{Al}_2(\text{SO}_4)_3 + \text{H}_2\text{O} \rightleftharpoons \text{Al}_2(\text{SO}_4)_3 + \text{H}_2\text{O} + \text{H}_2\text{SO}_4 + \text{Al}(\text{OH})_3$



ALTERNATIVE 1



ALTERNATIVE 2

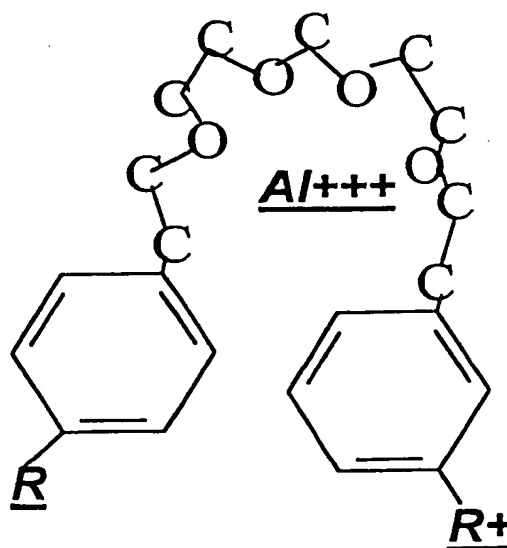


FIG. 1

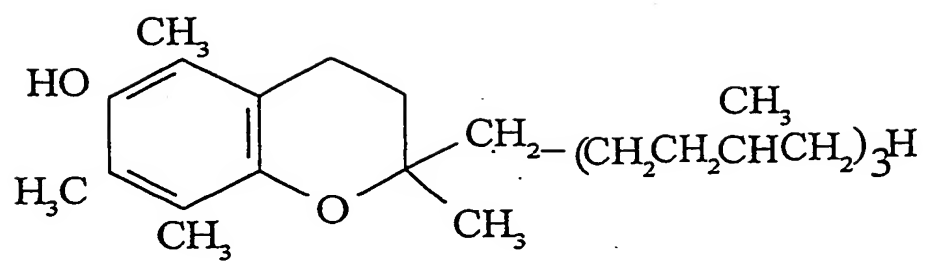


FIG. 2

CALIXERAND

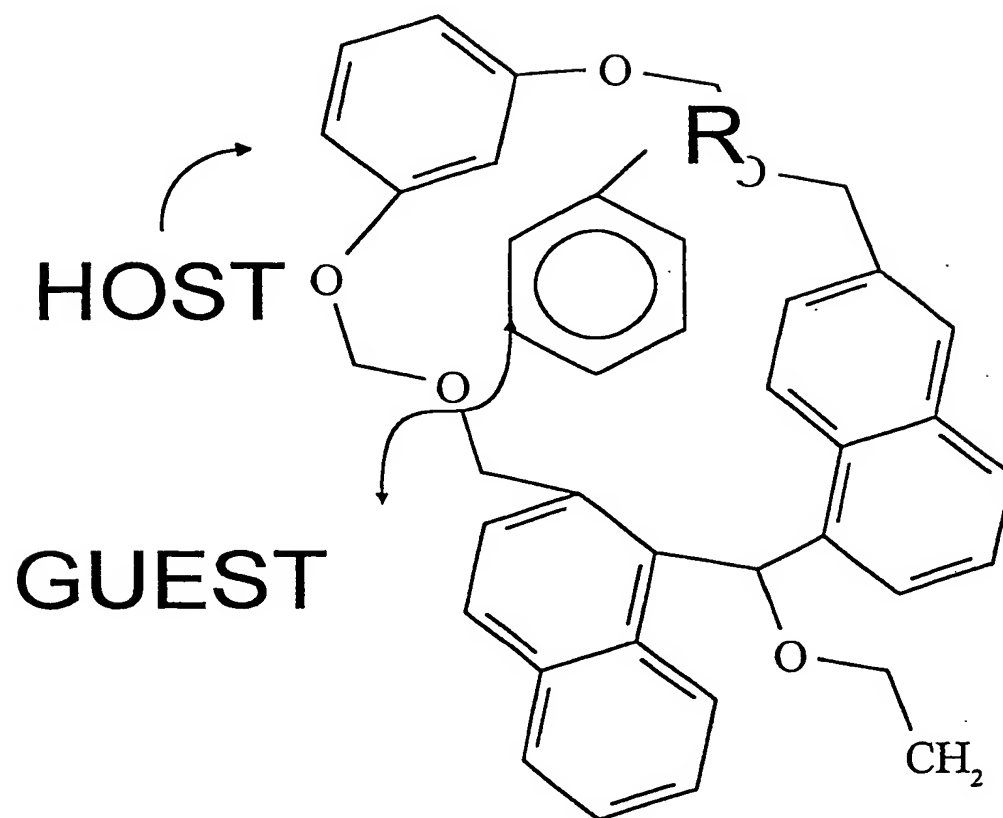


FIG. 3

CALIXERAND

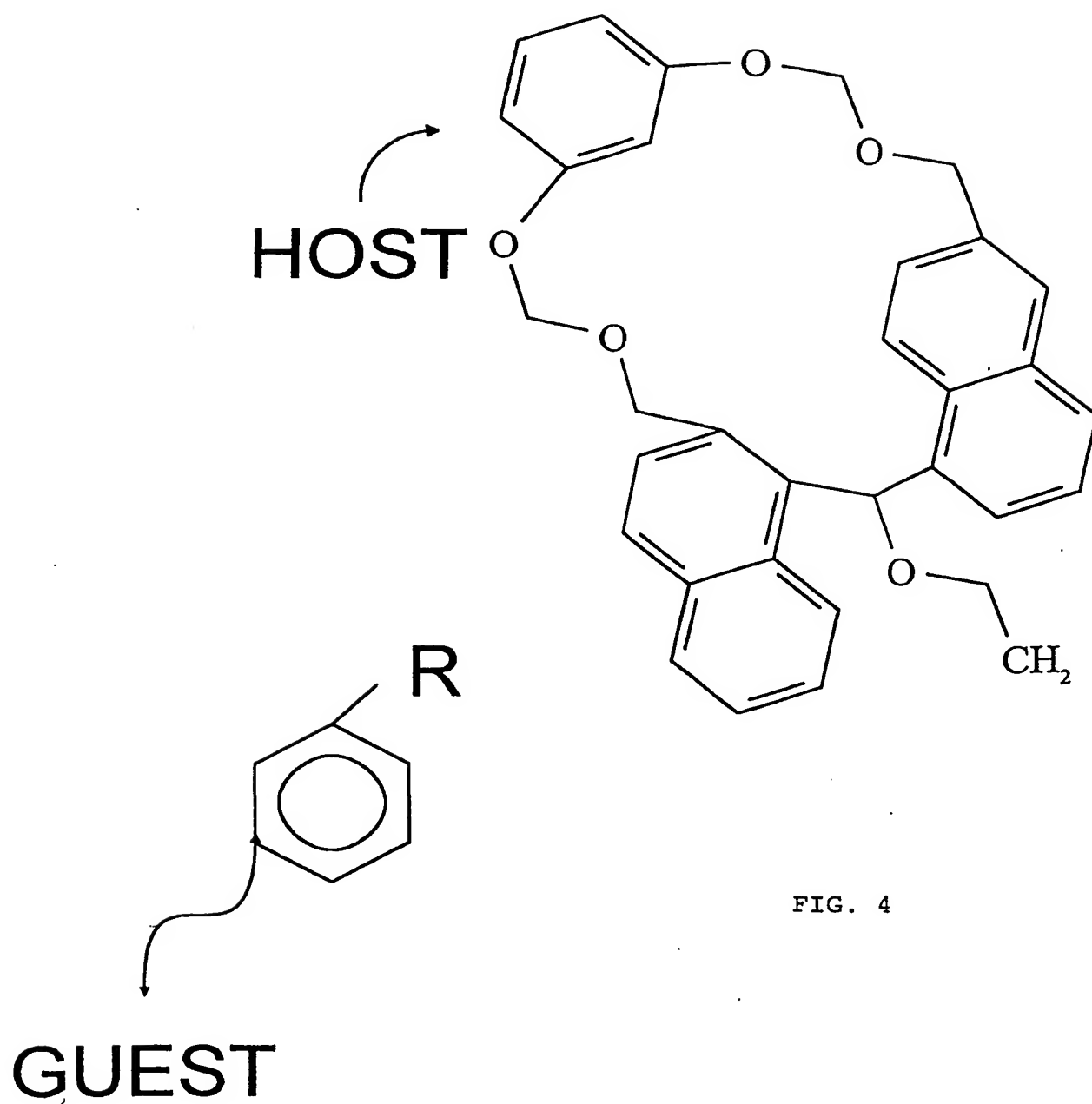


FIG. 4

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FIGURE 5



FIGURE 6